Journal of Neuropathology and Experimental Neurology
Copyright © 2004 by the American Association of Neuropathologists

Vol. 63, No. 12
December, 2004
pp. 1313–1315

AUTHOR INDEX

B—Book Review
E—Editorial
L—Letter
M—In Memoriam
R—Review article
W—Presentation of Award
No marker—Original article

Aboul-Enein F, 1284
Adame A, 1038
Adler CC, 329
Ahmed MM, 1182
Aigner L, 1155
Aigner R, 1155
Alberta JA, 499
Aldape KD, 700
Allcock N, 856, 872
Alleva E, 429
Ambrosio S, 302
Anneser JMH, 831
Antel JP, 223
Appel SH, 964
Arai N, 43
Arai T, 742
Araki S, 1048
Aria T, 911
Ariza A, 1124
Aronson SM, 676M
Atzori C, 113
Axthelm MK, 750
Azzarelli B, 170

Bacci J-J, 20
Bach A, 574
Baek WS, 932
Baldwin AC, 381
Balestrieri M, 199
Ballman K, 700
Banerjee R, 314
Bao L, 120
Barnett GH, 151
Barrachina M, 302, 1003R
Batich C, 674L
Bauer J, 1284
Beach TG, 329
Beard M, 821
Bearden ED, 381
Beaudet LN, 450
Beers DR, 964
Belkouch M, 956
Belliveau RA, 990
Beltrami CA, 199
Bencsik A, 193
Bendotti C, 113
Benson MD, 363
Berg L, 1028
Bergonzi P, 199
Biacabe A-G, 193
Bichler Z, 429
Bieber AJ, 461
Biernacki K, 223
Bigio EH, 801
Blain M, 223
Bodelón MN, 302
Böhling T, 1072
Boncompagni S, 919
Borasio GD, 831
Borenstein NS, 990
Bountiff L, 32
Bourkhardt K, 956
Bouzamondo-Bernstien E, 882
Brady J, 1274
Branchi I, 429
Brechenmacher C, 1167
Brechtel K, 180L
Brefel-Courbon C, 363
Brines ML, 73
Briscoe T, 1297
Broccolini A, 650
Brown LF, 841
Brussee V, 561R
Buckner JC, 700
Buesa C, 1003R
Bugiani O, 199
Burger PC, 441, 700
Byer SJ, 1144

Caliendo J, 801
Calvas P, 363
Camm E, 1297
Carmeliet P, 53
Carothers JJ, 84
Carp RI, 775
Carpenter M, 314
Carraro U, 919
Carroll JE, 84
Carroll SL, 1115R, 1144
Castaño JG, 484
Cataldo AM, 821
Cenacchi G, 185R
Cerami A, 73
Chabert C, 429
Chahli C, 831
Chamorro Á, 338
Chan JA, 1236
Chen Z, 120
Cheng C, 561R
Chettouh Z, 429
Choi J-S, 812
Choi YS, 812
Chrétien F, 1058
Chretien M, 1200
Ciric B, 461
Clausen BH, 942
Cock ML, 1131
Cochran EJ, 182B
Cohen K, 441
Constantin D, 708
Contassot E, 956
Conrad S, 180L
Conway SJ, 84
Cowell JK, 151
Créminon C, 1058
Cuda C, 1265
Cupidi C, 199

Dalfó E, 302
D'Amico A, 650
Dang CV, 441
Dang X, 750
Dawson TP, 1173
de Lanerolle NC, 73
De Luna N, 1104
de Tribolet N, 956
DeArmond SJ, 882
DeBiasi S, 113
Debnath M, 775
Deckert M, 631
Deering C, 882
Del Signore A, 138
Delabar JM, 429
Delisle MB, 363, 787R, 1058
Dellefave L, 801
Denton D, 1297
Deukmedjian AJ, 1265
Dickson AC, 587
Dieni S, 1297
Diete S, 13
Dietrich P-Y, 956
Dietzmann K, 13
Dobson J, 674L
Dormont D, 1058
Dorovini-Zis K, 350
Dorsey DA, 450, 1144
Dourmashkin RR, 32
Duan R-S, 120
Dubelaar EJG, 159
Duff K, 418, 821
Duncan JR, 1131
Dvorak HF, 841
Dyck PJ, 129
Dyck PJB, 129

Eberhart CG, 441
Egan G, 1297
Eid T, 73
Ellis RJ, 1038
Engelstad J, 129
Ervin JF, 735
Escobar A, 1001B
Esen N, 381
Estivill-Torrús G, 574

Faber-Zuschratter H, 686
Fagan SC, 84
Fahnestock M, 641
Fallon KB, 314
Fanò G, 919
Fern R, 856, 872
Fernández-Llebrez P, 574
Fernández-Vasalo A, 1124
Ferrer I, 302, 484, 1003R
Ferrer X, 1167
Filley CM, 1R
Finato N, 199
Finsen B, 942
Firsching R, 13
Flügel A, 1284
Folkerth RD, 990
Forsyth P, 314
Fox HS, 1255
Frandsen A, 942
Franke H, 686
Freeman S, 801
Fukatsu R, 1048
Fukuda T, 660
Fung BB, 801
Furth A, 700

Gallardo E, 1104
Gambetti P, 775, 1058
Gan W-B, 775
Gasque P, 1274
Ghetti B, 363, 787R
Giaccone G, 199
Giangaspero F, 185R
Gianinazzi C, 610
Giannini C, 700
Gibson CL, 708
Glazier BS, 363
Gliubizzi C, 650
Golden JA, 932
Gómez-Isla T, 302
Gonzalez M-C, 429
Gopal PP, 932
Gorina R, 338
Gotti C, 138
Grandgirard D, 610
Grant EA, 1028
Grant I, 129
Gras G, 1058
Gray D, 1200
Gray F, 1058
Gregersen R, 942
Gressens P, 53
Griffin JW, 246
Griffin WST, 679R
Grigorian A, 1038
Grondona JM, 574
Grosche J, 686
Gruen RJ, 418
Gruenner G, 129
Guha A, 978
Günther A, 686
Gutmann DH, 1015

Haass C, 1225
Hale D, 84
Halliday W, 1R
Hansen L, 1038
Harding R, 1131
Hashimoto M, 64
Hayashi M, 1048
Haynes RL, 990
He Y, 964
Hedley-Whyte ET, 841
Heibol EK, 942
Henkel JS, 964
Hennebert O, 53
Hess DC, 84
Hill WD, 84
Hirose T, 43
Hladik C, 287, 1080
Hofman MA, 159
Höllt V, 13
Hopkins SD, 882
Hosoi T, 742
Hsiao I, 233
Hulette CM, 323, 735
Hurford R, 1038
Husen A, 856
Husgafvel-Pursiainen K, 1072

Illa I, 1104

Illes P, 686
Imboden H, 610
Ince PG, 831
Inder T, 1297
Ironside J, 193, 1058
Ishizawa K, 43
Ishunina TA, 1243

James CD, 700
Jenkins RB, 700
Jensen CH, 418
Ji Y, 418
Johnson NA, 801
Johnston JM, 1092
Jones NC, 708
Joss P, 610
Joyce JN, 329
Jozwiak S, 1236

Kachidian P, 20
Kahle PJ, 1225
Kakuta Y, 911
Kamada T, 64
Kamphorst W, 1243
Kawakami N, 1284
Kazama H, 742
Kerkerian-Le Goff L, 20
Kern H, 919
Keyvani K, 598
Kho AT, 499
Kielian T, 381
Kim J, 812
Kim JH, 73
Kim RC, 274B
Kim SY, 812
King MA, 1265
Kinney HC, 990
Kivisäkk P, 262
Klein M, 1284
Kleinschmidt-DeMasters BK, 1R, 106
Klunk WE, 775
Knudsen J, 942
Koch P, 1173
Koda M, 64
Koeppen AH, 587
Kohyama J, 1048
Kokkinakis DM, 1182
Komori T, 43
Kopp N, 193
Koralnik IJ, 750
Koshizuka S, 64
Kotulska K, 1236
Koushan K, 978
Kratz J, 441
Kreitzschmar HA, 1225
Kuhn HG, 1155
Kuida K, 255
Kwaan MR, 499
Kwiatkowski DJ, 1236

Ladeby R, 942
Lagueny A, 1167
Lallemand Y, 574
Lambertsen KL, 942
Lamszus K, 275R
Langford D, 1038
Laquerriére A, 53
Lassmann H, 262, 1284
Latour P, 1167
Le Pavec G, 1058
Le W, 964
Lee M-Y, 812
Lee Y-S, 233
Leib SL, 610
Lemeta S, 1072
Leroux P, 53

Letvin NL, 750
Lewin-Kowalik J, 1236
Li X-Q, 1092
Li Y, 775
Lie DC, 1155
Liem RKH, 759
Ligon KL, 499
Lin C-Y, 233
Lin VW, 233
Linington C, 1284
Ljunggren H-G, 120
Llebrez-Zayas PF, 574
Loeliger M, 1131
López-Aranda MF, 574
Lopez-Toledano MA, 759
Louey S, 1131
Louis DN, 499
Love S, 1173
Luangpirom A, 287, 1080
Lucas JJ, 484
Lucchinetti CF, 262
Luo J, 1182
Lusis E, 1015

Maeda M, 84
Maes T, 1003R
Mahad DJ, 262
Malchiodi-Albedi F, 429
Marcon G, 199
Marret S, 53
Marsden CA, 708
Martín B, 484
Martin-Studdard A, 84
Masliah E, 1038, 1155, 1255
Mate JL, 1124
Mathis CA, 775
Matsuda J, 721
Matthews PM, 821
Mawrin C, 13
Mayr W, 919
McKeel, Jr. DW, 1028
McManus ME, 932
Meeker HC, 775
Meldgaard M, 942
Mesulam M-M, 801
Migheli A, 113
Migliore-Samour D, 429
Mikol J, 1058
Miller JP, 1028
Min DS, 812
Minghetti L, 429, 901R
Mirabella M, 650
Miravalle L, 170, 363
Mizutani T, 43
Mohri I, 660, 721
Mola G, 1124
Montgomery L, 1080
Moreno D, 484
Moretti M, 138
Mori H, 255
Moriya H, 64
Morris JC, 1028
Morris PG, 708
Mrak RE, 679R
Mudrak I, 1080
Mudrak I, 287
Mufson EJ, 641
Müller V, 1225
Munoz DG, 1200
Muñoz-Mármol AM, 1124
Murakami M, 64
Murakami Y, 1015
Murasawa M, 64
Murayama S, 323, 742, 911
Murinson BB, 246
Murphy S, 708

Nabors B, 314
Nasrallah IM, 932
Neal J, 1274
Nennesmo I, 120
Neumann M, 1225
Newell A, 329
Nicolini A, 429
Niemelä M, 1072
Nivison M, 856
Nixon RA, 418, 821
Nnoli AN, 856
Nordal RA, 474
Nowak NJ, 151
Nutt CL, 499

Ogris E, 1080
Ogris E, 287
Okada S, 64
Okawa A, 64
Olivé M, 484
Ottersen OP, 73
Owens T, 942
Oxford JS, 32

Paggi P, 138
Palmer CA, 314
Pankiewicz J, 418, 775
Pannell C, 735
Papacci M, 650
Parchi P, 1058
Park H-J, 812
Parvin CA, 450
Pauli SU, 13
Paulus W, 210, 399R, 598
Pease LR, 461
Peel AL, 97R
Peng S, 641
Pérez J, 574
Perez-Olle R, 759
Perret-Liaudet A, 193
Perry A, 314, 1015
Pescatori M, 650
Petegnief V, 338
Peterhoff CM, 821
Peterson DR, 618
Pillo L, 978
Piva R, 113
Planas AM, 338
Podhorska-Okolow M, 919
Powers JM, 618, 1310W
Prat A, 223
Price JL, 1028
Prichett-Pejic W, 1200
Prior MJW, 708
Protasi F, 919
Prusiner SB, 882
Püttmann S, 210
Pylkkänen L, 1072

Quandt J, 350
Quartermain D, 418
Quezada HC, 120

Rademaker AW, 801
Ralston HJ, 882
Ramos C, 574
Ransohoff RM, 262
Rascol O, 363
Ravid R, 159
Rees S, 1131, 1297
Reinhardt R, 686
Ricci E, 650
Rich K, 314
Richard M, 193
Rickert CH, 399R, 1211R
Ritter T, 1284
Rizzo A, 138
Robert B, 574

Roberts ES, 1255
Roberts PS, 1236
Robertson RT, 233
Robner S, 686
Rockenstein E, 1155
Rodriguez M, 461
Rohne D, 750
Roper SN, 1265
Rosa JL, 302
Rosenberg PA, 990
Rossini K, 919
Roth KA, 314
Rouanet-Lariviére M, 1167
Rowitch DH, 499
Ruberu NN, 742, 911
Rubin EM, 429
Rushing E, 1182

Saarikoski S, 1072
Sachser N, 598
Sadakar N, 1274
Sadowski M, 418, 775
Safar J, 882
Sainio M, 1072
Saito Y, 323, 742, 911
Salin P, 20
Salter MG, 856
Sasaki S, 43
Sawabe M, 742, 911
Scheithauer BW, 700, 1015
Schluesner HJ, 180L
Schlüter D, 631
Schmechel DE, 735
Schmidt R, 686
Schmidt RE, 450, 1144
Schmidt SD, 821
Schneider D, 686
Schnüriger V, 956
Scholtzova H, 418, 775
Schubart A, 1284
Schulz So., 13
Schulz St., 13
Schwab JM, 180L
Schweitzer JS, 73
Senner V, 210
Servidei S, 650
Shannon P, 978
Shao L, 775
Shareef MM, 1182
Shaw PJ, 831
Shioda K, 1048
Siani V, 363
Siddique N, 801
Siddique T, 801
Siedler F, 1284
Sima AAF, 450
Simon E, 610
Simpson EP, 964
Singha UK, 1182
Smith DJ, 429
Smith J, 587
Solé S, 338
Soltek S, 631
Sontag E, 287, 1080
Sorbi S, 199
Soriano E, 574
Speciale S, 287
Spencer DD, 73
Spilman P, 882
Staugaitis SM, 262
Stearns D, 441
Stenzel W, 631
Stiles CD, 499
Stillman IE, 750
Stiver SI, 841
Stonecypher MS, 1115R
Streichenberger N, 193

Strong MJ, 113
Subirada F, 1003R
Sue LI, 329
Summers K, 441
Sung K-W, 812
Surace EI, 1015
Suzuki K, 323, 660, 721
Suzuki Kunihiko, 721
Swaab DF, 159, 1243
Szymanski M, 735

Tagliavini F, 199
Takao M, 363
Takikita S, 660, 721
Takuma H, 255
Tamagawa K, 1048
Tan X, 841
Tanaka N, 911
Tatenhorst L, 210
Täuber MG, 610
Taylor BV, 129
Tejedor MC, 302
Tenan M, 956
Terio NB, 821
Thomas R, 856, 872
Tomiyama T, 255
Tonali P, 650
Tortarolo M, 113
Toth C, 561R
Trachtenberg F, 990
Trebst C, 262
Treuheit T, 13
Truchot L, 193
Tsai J, 775
Tucky B, 262

Urbach H, 1173
Uro-Coste E, 363, 1058
Uyehara-Lock J, 882

Vallat-Decouvelaere A-V, 1058
van der Knaap MS, 618
van der Voorn JP, 618
Van Haren K, 618
Van Heerikhuize JJ, 159
Van Keulen V, 461
Vela E, 1124
Verge VMK, 1092
Verwer RWH, 159
Vidal R, 170, 363, 787R
Vinters HV, 1208M
Vital A, 1167
Vital C, 1167
Volpe JJ, 990

Walker DG, 329
Wang W, 314
Wang Y, 441
Warrington AE, 461
Watson MA, 1144
Wei T, 262
Weiss J, 499
Wekerle H, 1284
Welsh-Bohmer K, 735
White CL, III, 287, 1080
Wieslawa G, 1236
Wilke S, 856, 872
Wilmotte R, 956
Winblad B, 120
Winkler J, 1155
Winner B, 1155
Wisniewski T, 418, 775
Witte OW, 598
Wong CS, 474
Woulfe J, 1200
Wüthrich C, 750
Wuu J, 641

Xiao Q, 964
Xie W, 964
Xiong C, 1028

Yagi T, 660, 721
Yamanouchi H, 742, 911
Yamazaki M, 64
Yang S, 1182
Yen AA, 964
Yoder B, 1297
Yoshinaga K, 64
Yu S, 120

Zadeh G, 978
Zanin ME, 919
Zhang H, 1236
Zhang W, 450
Zhao W, 964
Zheng J, 84
Zhu J, 120
Zhu S-W, 120
Zochodne DW, 561R, 1092

Journal of Neuropathology and Experimental Neurology
Copyright © 2004 by the American Association of Neuropathologists
Vol. 63, No. 12
December, 2004
pp. 1316–1319

SUBJECT INDEX

17p11.2 deletion, 1167
1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP), 302
6-hydroxydopamine lesion, 20
6q loss, 1072

αBungarotoxin, 138
α-Kinase, 97
α-Synuclein, 43, 302
Aβ, 199
Aβ precursor protein, 679
ABri, 787
Acidic fibroblast growth factor, 233
Acyclovir, 1173
ADan, 787
Adenosine 5′-triphosphate (ATP), 686
Adenovirus, 841
Adhesion molecules, 223
Aging, 329
Agrin, 338
Alzheimer disease, 97, 159, 199, 287, 418, 641, 679, 735, 742, 911, 1255, 1080
AMPA/kainate receptors, 964
Amplification, 700
Amyloid, 287, 775, 787, 1080
Amyloid-β, 418
Amyloid beta protein, 255
Amyotrophic lateral sclerosis (ALS), 97, 113, 801, 831, 964
Anaplasia, 441
Ang1, 978
Ang2, 978
Angiogenesis, 275, 841, 1274
Animal models, 821, 1182
Antibody, 499
Antigen, 1284
Antioxidant, 990
Apolipoprotein E, 120, 159, 323, 735, 742
Apoptosis, 618, 686, 956
Arachidonylethanolamide, 956
Aseptic cerebral injury, 708
Assembly, 759
Astrocytes, 53, 73, 84, 631, 812, 831, 856, 872, 964
Astrocytoma, 13, 170, 210, 700, 978
Astrogliosis, 686
Ataxia, 363
Axon, 932
Axonal degeneration, 129
Axonal re-growth, 233
Axon-glial interaction, 660

β-Amyloid, 323, 650
Bacterial artificial chromosome arrays, 151
Basal forebrain, 1243
Basal ganglia, 20, 1048
Basal nucleus of Meynert, 159
BB rats, 450
Behavior, 708
Behavioral testing, 418
Blood-brain barrier, 73, 223, 474
Blood vessels, 735
Bone marrow, 64
Brain, 287, 350, 841, 1080
Brain abscess, 381, 631
Brain bank, 1003
Brain damage, 1131
Brain inflammation, 901
Brain injury, 686
Brain size, 429
Brain slice culture, 610
Brain tumor, 1015
Brainstem, 1048

Calcification, 1173
Calcitonin gene-related peptide, 1092
Calcium, 856, 872
Calcium-binding protein, 1048
Caspase-3, 255
Cavernous angioma, 106
CD163, 1255
Cell death, 610, 1155
Cell trafficking, 350
Cerebellar granule cell, 461
Cerebral hemorrhage, 587, 1297
Cerebral palsy, 856
Cerebrospinal fluid, 831
Cerebrovascular disorders, 841
Chemokine, 84, 223, 350
Chemokine receptors, 262
Chemo-responsiveness, 151
Chemotactic, 84
Childhood brain tumors, 1211
Cholesterol granuloma of bone, 106
Cholesterol, 323
Cholinergic, 159, 641
Chromosomal aberration, 1072
Chromosomal imbalances, 399
Chromosome abnormalities, 151
Circumventricular organs, 574
Classification, 275
Clinical dementia rating, 911, 1028
c-myc, 441
CNS development, 574
CNS radiation injury, 474
CNS tumors, 1182
Comparative genomic hybridization (CGH), 151, 399
Cortical dysplasia, 1265
CREB, 429
Creutzfeldt-Jakob disease, 193, 1058
Cyclooxygenase, 901
Cytochrome oxidase, 20
Cytogenetics, 399
Cytokines, 73, 120, 679

DAL-1, 1015
Degeneration, 1284
Dementia, 1, 363, 1028, 1225
Dementia with Lewy bodies, 329, 742, 911
Demyelination, 721, 1284
Dentate gyrus, 812
Development, 429, 499, 1265
Diabetes, 450, 561, 1144
Diencephalic development, 574
Diffuse plaque, 323
Distribution, 287
DNA microarray, 1003
Dopamine, 329
Dorsal root, 246
Dorsal root ganglia, 561, 1092
Down syndrome, 429, 679
DYRK1A, 429
Dysferlin, 1104

Ectopic neurons, 199
Edema, 275
EGFRvIII, 700
Electron microscopy (EM), 32, 73
Encephalitis, 631
Endosialin, 1274

Enriched environment, 598
Ependymoblastoma, 399
Ependymoma, 399
Epibatidine, 138
Epilepsy, 199, 1265
Excitation-contraction coupling, 919
Excitatory amino acid transporter (EEAT), 1058
Experimental autoimmune neuritis (EAN), 120
Extrapyramidal signs, 363

Familial Alzheimer disease, 821
Familial dementia, 801
Fatal familial insomnia, 1058
Ferritin, 363, 787
FKHR, 429
Fluorescence in situ hybridization (FISH), 314
Frontotemporal dementia, 801
Frontotemporal dementia of the motor neuron disease-type, 801
Functional electrical stimulation, 919

GABA, 882, 1265
GABAergic, 932
Gene amplification, 314
Gene deletion, 314
Gene microarray, 1144
Ghost tangles, 199
Glia, 872
Glial cytoplasmic inclusion, 43
Glial fibrillary acidic protein (GFAP), 53, 631
Glial progenitors, 1182
Glioblastoma, 210, 700, 841
Glioblastoma multiforme (GBM), 978, 1274
Glioma, 170, 210, 499, 956
Gliosis, 831
Globoid cell leukodystrophy, 721
Glucocorticoid receptor, 1200
Glutamate, 1058
Glutamate decarboxylase, 20
Golgi apparatus, 159
G-protein, 210
Granulomatous inflammation, 1173
Growth factor, 1115
Guillain Barré syndrome, 120
Gyral development, 1297

Hemangioblastoma, 1072
Hematopoietic stem cell, 64
Heme oxygenase (decyclizing), 587
Hemosiderin, 53, 106
Hereditary neuropathy with liability to pressure palsy (HNPP), 1167
Herpes encephalitis, 1173
Herpes simplex virus, 1173
Highly active anti-retroviral therapy (HAART), 1038
Hippocampus, 598, 610, 812, 1155
HIV, 1038
HIVE, 1255
Human brain, 990
Human monoclonal antibody, 461
Huntington disease, 97
Hypomyelination, 660
Hypothalamus, 1243

Ibotenic acid, 53
Image analysis, 43, 735
Imaging, 775
Immunocytochemistry, 574
Immunoelectron microscopy, 138
Immunogold, 32
Immunohistochemistry, 13, 73, 700, 1048, 1124
Immunoproteasome, 484
In situ hybridization, 20, 1124
In vivo, 255
Inclusion, 113
Inclusion bodies, 787
Inclusion body myositis, 484, 650
Inflammation, 679, 1284
Inhibition, 1265
Inhibitory interneurons, 932
Injury, 598, 856
Insulin-like growth factor, 650
Intercellular adhesion molecule-1, 474
Interleukin-1 (IL-1), 381, 679
Intralaminar thalamic nuclei, 20
Intranuclear rodlets, 1200
Intrauterine growth restriction, 1131
Invasion, 210
Iron, 363, 587
Ischemia, 84, 856, 872
Ischemia/Reperfusion, 338

JC virus, 1124

Knockout mice, 255, 708, 942
Krabbe disease, 721

Laminin, 461
Large T antigen, 1124
Leukoencephalopathy, 1
Lewy body, 323, 759, 1225
Lineage, 499
Long-term denervation, 919
Loss of heterozygosity (LOH), 1072, 1236
Lower motor neuron lesion, 919
Low-grade spinal cord tumor with leptomeningeal dissemination, 185
Lymphocytes, 350
Lysosomal system, 821

Macrophages, 587, 721, 942, 1058, 1104
Magnetic resonance imaging, 1, 708
MAP kinase, 113
Marinesco bodies, 329, 1200
Matrix metalloproteinase, 338
MDR-1, 1038
Medial temporal lobe, 911
Medulloblastoma, 399, 441
Meningioma, 275
Merlin, 1015
Metabolism, 159
Metalloporphyrins, 587
Methoxy-X04, 775
Methylation, 1080
Methylnitrosourea, 1182
Methyltransferase, 1080
mGluR, 831
MHC class I, 484
Microarray, 598
Microchip, 210
Microglia, 43, 53, 84, 587, 721, 942, 964, 1255
Middle cerebral artery occlusion, 942
Migration, 210
Mineralization, 1173
Molecular markers, 1211
Monoclonal gammopathy, 461
Mononuclear phagocytes, 262
Motor neuron, 964
Motor neuron disease, 801
Mouse brain, 32
mTOR, 1236
Multifocal motor neuropathy, 129
Multinucleated giant cells, 1173
Multiple sclerosis, 262
Multiple system atrophy, 43
Muscle cultures, 650
Mutant, 574
Mutation, 199

Myelin, 461, 618, 1284
Myelin basic protein, 53
Myelination, 856, 872, 990, 1297
MyoD, 1104
Myofiber regeneration, 919
Myofibrillar myopathy, 484
Myogenin, 1104

nAChR subunit-specific antibodies, 138
Neocortex, 1265
Nerve fiber degeneration, 129
Nerve growth factor (NGF), 641
Neurite extension, 461
Neuroaxonal dystrophy, 1144
Neurodegeneration, 97, 363, 641, 787, 821, 882, 901, 942, 1038
Neurofibrillary tangle, 323, 742, 1028
Neurofibrillary tangle-predominant form of dementia, 911
Neurofibromatosis, 275, 1115
Neurofilament, 53, 759
Neuroglial neoplasm, 185
Neuron, 561, 686
Neuronal dystrophy, 450
Neuronal metabolic activity, 1243
Neuronal size, 429
Neuronal stem/progenitor cells, 1155
Neuropathologic diagnosis, 1028
Neuropathy, 561
Neuropil, 587
Neuroprotection, 73, 901
Neurotoxicity, 255
Neurotoxin, 1
Neurotransmitter, 1048
Neurotrophic factor, 641, 1131
Neurotrophins, 73
NF-κB, 97
NF2, 1015
Niemann-Pick disease type C, 660
N-myc, 441
Non-steroidal anti-imflammatory drugs (NSAIDS), 901
NOS-2, 708
Nutrient deprivation, 610

Olfactory bulb, 1155
Olig1, 170
Olig2, 499
Oligodendrocytes, 618, 872, 990
Oligodendrocyte progenitor cells, 660
Oligodendrogliomas, 151, 170, 314

P2 receptors, 686
p38MAPK, 113
Pain, 1092
Papillary neuroglial neoplasm, 185
Papillary tumor of the pineal region, 185
Paraoxonase 1, 742
Parietal cortex, 641
Parkinson disease, 20, 302, 329, 742, 759, 1155, 1225
Pediatric brain tumors, 399
Peripheral nerve, 246
Peripheral nerve biopsy, 1167
Peripheral nerve graft, 233
Periphery nerve injury, 1092
Periventricular leukomalacia, 990, 1297
Peroxynitrite, 964
P-glycoprotein, 1038
Phospholipase D, 812
Phosphorylated tau, 323
Pituitary adenoma, 106
PKR, 97
PMP22, 1167
Polysialylated-neural cell adhesion molecule, 660
PP2A, 287, 1080
Prematurity, 990
Premyelinating oligodendrocyte, 660
Presenilin, 821
Presenilin 1, 418
Presenilin 2, 199
Primary afferent neuron, 246
Primate model, 750
Prion disease, 193, 1058
Prion, 32, 775, 882
Progenitor, 499
Progesterone, 275
Prognosis, 441, 1211
Progressive multifocal leukoencephalopathy (PML), 750, 1124
Progressive supranuclear palsy, 911
Proliferation, 831
Promyelocytic leukemia protein, 1200
Prostaglandin, 901
Proteases, 821
Proteasome, 329, 484
Proteinase, 1225
PrP, 32
PrP^{Sc}, 882
Putamen, 193

Quantification, 193

Rab3a, 302
Rab5, 302
Rab8, 302
Rat Spinal Cord, 474
Receiver operating characteristic, 1028
Recurrence, 314
Regenerating fibers, 1104
Regenerating nerve clusters, 129
Regeneration, 1092
Regional brain glucose metabolism, 418
Regulatory genes, 574
Remak bundle, 246
Risk factors, 159
Rosette-forming neuroglial tumor, 185

S. aureus, 381
S100B, 679
Sacral cyst, 106
Saposin A−/− mouse, 721
Satellite cells, 1104
Schwann cell, 1115
Schwannoma, 106
Scrapie, 32, 775
Seizure, 812
Senile plaque, 742, 1028
Sensorimotor cortex, 598
Sensory function, 246
Sheep, 1131
Sialic acid, 461
SIVE, 1255
Small t antigen, 1124
Smooth muscle actin, 735
SOD1, 113
Solvent vapor abuse, 1
Somatostatin receptor, 13
Spinal cord, 831
Spinal cord injury, 64, 233, 919
Spongiform change, 193
Staphylococcus aureus, 631
Staurosporine, 610
Stem cells, 84
Streptococcus pneumoniae, 610
Stromal derived factor-1, 84
Subependymal giant cell astrocytoma, 1236
Substantia nigra, 329, 1200
Substrate, 932
Superior cervical ganglion, 138
SV40, 750

Sympathetic autonomic neuropathy, 1144
Sympathetic ganglia, 450
Sympathetic, 246
Synapses, 882
Synaptosomes, 882
Synuclein, 1225
Synucleinopathy, 1155

T lymphocytes, 223
T′ proteins, 1124
Tangential cell migration, 932
Tau, 180, 287
Th1/Th2, 120
Thalamus, 1048
Thrombomodulin, 1274
Tie2, 978
Toluene, 1
Tomaculae, 1167
Toxoplasma gondii, 631
Tract tracing, 233
Transcription factors, 170, 574
Transgenic mice, 418, 821, 942
Transgenic rats, 1284
Translation initiation, 618
Transmissible spongiform encephalopathy, 193
Transplantation, 64
Transport, 759
Trauma, 708
Tremor, 363
TrkC, 441
TSC1, 1236
TSC2, 1236

Tuber, 1236
Tuberous sclerosis, 1236
Tubulin, 1200
Tumor angiogenesis, 978
Tumor genetics, 314
Tumor necrosis factor, 942
Tumor necrosis factor-α (TNF-α), 381
Tumor progression, 1115
Tumor suppressor, 1015, 1115
Tumor suppressor gene, 1072
Tumor therapy, 1211
Tumorigenesis, 1115
Tumour endothelial marker 1, 1274
Twitcher mouse, 721
Two-photon microscopy, 775
Tyrosine hydroxylase, 138

Ubiquitin, 113, 484, 801, 1200
Unmyelinated axon, 246

Vanilloid receptor-1, 956
Variant Creutzfeldt-Jakob disease (vCJD), 1255
Vascular dementia, 1243
Vascular endothelial growth factor (VEGF), 841
Vascular endothelial growth factor-A (VEGF-A), 978
Vasopressin mRNA, 1243
Ventriculomegaly, 1297

Western blotting, 641
White matter, 1, 618, 856, 872

Xeroderma pigmentosum group A, 1048